Vertiv™ Geist™ rPDU

OVERVIEW

Rack Transfer Switch (RTS) delivers redundant power to single corded devices. The RTS automatically detects the loss of power and switches the power load (no phase-syncronization required) to the alternative power source in less than 4-8 milliseconds without the need for human intervention.

Benefits

- Reliable power distribution with local and remote power monitoring options offer quick access to critical power usage information to evaluate energy usage trends and maximize uptime.
- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs. Supports up to 40 rPDUs.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.
- Every unit is 100% tested for reliability and functionality.

Part #: VA4G21A0

Model Number: AG05M1R0-12CF13-2PS6PS6B211-D
Category: Rack Transfer Switch
Sub Category: Monitored Unit Level
Power Configuration: 16A, 230V, 3.6kW
Physical Configuration: 19in / 483mm, Horizontal

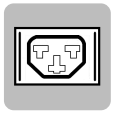
Product Summary: rPDU, Rack Transfer Switch Monitored Unit Level, 16A, 230V, 3.6kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 1P+N+E (IP44), Black Powder Coat.

Monitoring: Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

Plug Form:

1P+N+E (IP44)

Receptacle:



Combination C13/C19
(Quantity: 12)

Chassis Color Options:

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To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring	Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
Monitoring Level 1	Phase (A) Monitoring (kWh, W, VA, PF, V, A)
Power Switching	Auto Switching - In Event of Power Failure
Transfer Time	<4-8ms
Out of Phase Transfers	Yes
Front Panel HMI LED Overlay	Yes
Quantity Of Inputs	2 (Dual Input)
Voltage	200-240V
Current	16A
VA per Input (Load Capacity)	3.6kW (230V)
Frequency	50/60Hz
Over Current Protection	None
Switch	No
LCD Touchscreen Display / Auto Oriented	Yes
Power Cable Wire Gauge	2.5mmÂ² H07RN-F
Power Cable Length	10ft / 3m
Power Entry Location	Left Rear
Plug Type	(2) IEC60309 1P + N + E, 16A, 250V Connector, Splashproof IP44
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Rear	12
- Circuit Color ID	1 Circuit = Orange
- Style	Banks of 6
- Voltage per Receptacle/Socket	230V
Network Connection	Dual 10/100/1000Mbps Ethernet
Protocols Supported	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
Data Access Formats	CSV datalog, JSON API, JSON datalog
USB Support	Yes
IP Reset Button	Yes
Hard Reboot Button	Yes
Serial Connection	RS232 via RJ45
Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	19in / 483mm Horizontal Rackmount
Adjustable 4 Post Mounting (Range)	Yes (24" - 37")
2 Post Mounting Kit	Yes

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Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE Marked
Certification/Agency Approvals	UKCA Marked
Certification/Agency Approvals	Complies with IEC 62368-1 (DOC Available)
Certification/Agency Approvals	Complies with EN 55032 and EN 55035
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	C_{μ} Mark
Chassis Dimensions (HxWxD)	1.72in x 17in x 18in / 44mm x 432mm x 457mm
Shipped Weight	19lbs (8.62kg)

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